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DATE: Sunday, August 06, 2006

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<input type="checkbox"/>	L18	6677251.pn.	1
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L17	((surfactant) with (improve or increase or impart) with (hydrophilic\$3)) with (wafer or semiconductor)	6
<input type="checkbox"/>	L16	((surfactant) adj5 (improve or increase) adj5 (hydrophilic\$3)) with (wafer or semiconductor)	0
<input type="checkbox"/>	L15	(surfactant adj3 hydrophilic\$3) with (wafer or semiconductor)	25
<input type="checkbox"/>	L14	(surfactant adj3 hydrophilic\$3) with (wafer or semiconductor or substrate)	131
<input type="checkbox"/>	L13	l8 with (wafer or semiconductor or surface)	39
<input type="checkbox"/>	L12	l8 with (wafer or semiconductor)	1
<input type="checkbox"/>	L11	L9 with (wafer or substrate or semiconductor)	3
<input type="checkbox"/>	L10	L9 with (wafeer or substrate or semiconductor)	3
	<i>DB=USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L9	(surfactant adj2 impart adj2 hydrophilic\$3)	35
<input type="checkbox"/>	L8	(surfactant adj5 impart adj5 hydrophilic\$3)	409
	<i>DB=PGPB; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L7	L4 and (impart with hydrophilic\$3)	1
<input type="checkbox"/>	L6	L4 and impart hydrophilicity	0
<input type="checkbox"/>	L5	L4 and hydrophilicity	1
<input type="checkbox"/>	L4	20050084681	1
	<i>DB=USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L3	L2 and hydrophilicity	1
<input type="checkbox"/>	L2	5693037.pn.	2
	<i>DB=PGPB; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L1	20040074518	1

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Definitions of **surfactant** on the Web:

- Any substance that when dissolved in an aqueous solution reduces its surface tension between it and another liquid.
www.invasive.org/eastern/eppc/glossary.html
- The descriptor for any substance that lowers surface tension.
www.bio.hw.ac.uk/edintox/glossall.htm
- Surface-active agent which increases the emulsifying, foaming, dispersing, spreading and wetting properties of a product.
www.howtocleananything.com/hca_glossay.htm
- A soluble chemical compound that reduces the surface tension between two liquids. It is used in many detergents and soapy cleaning compounds.
www.southshoregunitepools.com/resources/pool_glossary2.htm
- A surface-active agent; usually an organic compound whose molecules contain a hydrophilic group at one end and a lipophilic group at the other.
www.ntu.edu.sg/home/asjqu/corrosion/R-Z.HTM
- A substance that reduces the surface tension of a liquid. Detergents and emulsifiers are surfactants.
www.genpromag.com/Glossary~LETTER~S.html
- Fluid in the lungs that helps to keep them open and expanded.
www.ucsfhealth.org/childrens/edu/icnGlossary.html
- A detergent compound that promotes lathering.
www.afropa.hq.af.mil/kelly/Terms/sterms.html
- A surface-active agent or wetting agent, such as Tween 20™ or Tween 80™, Teepol™, Lissapol F™, Alconox™, etc. Surfactants act by lowering the surface tension and are common addenda to solutions used to surface sterilize materials prior to aseptic excision of explants. See detergent; wetting agent.
www.fao.org/docrep/003/X3910E/X3910E22.htm
- a detergent secreted by Type 2 alveolar cells between alveolar epithelium. Functions to lower surface tension, allowing lungs to remain inflated. Note: In humans, these cells and their secretion develop towards the very end of the third trimester, just before birth. Hence the respiratory difficulties associated with premature births. (More? Respiratory Notes)

embryology.med.unsw.edu.au/Notes/Index/S.htm

- Phospholipid present in the lungs. Controls surface tension of lungs. Premature babies often lack sufficient amounts of surfactant to breathe without assistance.
www.pregnancy-info.net/newprgnancyarticle13-5.html
- Category: Baby's health Fluid secreted by the cells of the alveoli that reduces the surface tension of pulmonary fluids; it contributes to the elastic properties of pulmonary tissue. Find out more about Surfactant: Articles | Books/products
pregnancyandbaby.com/read/articles/2458.htm
- an agent which reduces the surface tension of a liquid, eg, detergents.
www.mycolog.com/GLOSSARY.htm
- is an essential fluid secreted inside the alveoli composed of fatty proteins. It appears to play a role in preventing lung infections.
enviromysteries.thinkport.org/breakingthemold/resources/glossary.shtml
- A substance produced in the lungs to reduce surface tension in alveoli and small airways.
www.diversalertnetwork.org/medical/dictionary.asp
- a material that facilitates and accentuates the emulsifying, wetting and other surface-modifying properties of substances
www.deh.gov.au/soe/2001/land/glossary.html
- A surface-active agent; one that accumulates at the interface between two liquids and modifies their surface properties. An example would include the sterate ion.
www.ch.ic.ac.uk/vchemlib/mol/glossary/
- soap like chemicals added to solutions to reduce surface tension and improve wetting.
www.icknowledge.com/glossary/s.html
- A surfactant is an ingredient that promotes an efficient mixture of oil and water.
www.glossary-of-terms.net/glossary-of-cosmetics-terms.html
- A natural or synthetic chemical that promotes the wetting, solubilization, and emulsification of various types of organic chemicals.
www.lbl.gov/NABIR/fieldresearch/frc/ea/ea_12_0.html
- A wetting agent secreted by the cells lining the alveoli of the lungs to prevent the lung walls from sticking together.
www.ehealthmd.com/library/pregnancy/PGW_glossary.html
- A substance formed in the lungs that helps keep the small air sacs or alveoli from collapsing and sticking together. A low level of surfactant in a premature baby contributes to RDS.

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www.uhmc.sunysb.edu/pediatrics/glossary.html

- a chemical added to the herbicide formulation or to the spray solution to improve the dispersing, spreading, sticking or wetting properties of the spray mixture.

www.gov.on.ca/OMAFRA/english/crops/pub75/appendx_b.htm

- Chemical substance that reduces surface tension. The surfactant properties of poloxamer 407 facilitate the application and adherence of the gel to tissue surfaces.

www.drugdel.com/glossbot.htm

- A chemical wetting agent added to water to improve penetration.

showcase.netins.net/web/aei/def2.htm

- wetting agent: a substance capable of reducing the surface tension of a liquid in which it is dissolved

wordnet.princeton.edu/perl/webwn

- Surfactants, also known as wetting agents, lower the surface tension of a liquid, allowing easier spreading, and the interfacial tension between two liquids. The term surfactant is a contraction of "Surface active agent". Surfactants are usually organic compounds that are amphipathic, meaning they contain both hydrophobic groups (their "tails") and hydrophilic groups (their "heads"). Therefore, they are typically sparingly soluble in both organic solvents and water. ...

en.wikipedia.org/wiki/Surfactant

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